



Vol XVIII

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Issue No. 4

Mt. DIABLO AMATEUR RADIO CLUB, INC.

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Meeting Notice

The next monthly meeting of MDARC will be held at the Red Cross Building, 1301 Ygnacio Valley Rd, Walnut Creek at 8 PM on April 17, 1970. Everyone interested in amateur radio is welcome.

Program

Battalion Chief Charlie Marshall will give a program of general interest to all members and friends. He will tell us exactly how the Fire Department works and all about the varied types of work the Firemen do. He will also explain the workings of the new Radio Controlled call boxes. This program will be of great interest to all of us so bring your wife and a friend or two. We want to have a big turn-out for this program.

Remember that the May meeting will feature a talk by W. W. Mumford of the Bell Telephone Laboratories. The title of his talk is "Some Technical Aspects of Microwave Radiation Hazards".

For Sale

Henry Beisheim WB6TZQ has some equipment for sale. An apartment does not have as much room as a house, he says.

Eico 753 and Pwr Supply

Home Brew Linear and Pwr Supply

40 ft. Crank up Tower

15 and 10 Meter Beam

Many other goodies.

Call 939-7358 after 6PM or see him at Mtg.

Equipment owned by WB6MEA "Silent Key"

Signal Tracer, Multi Meter, Freq. Meter, Res.-Cap. Meter, Monark SWR Bridge and many other items.

Included is a National (55-8324) NCX 3 and a Pwr Supply for same.

If you are interested in any of this equipment check with the Sec. who will have the complete list or give a call to Betty Smothers 415-689-8036. Betty WA6GCS is handling this material.

Anyone else have anything to buy or sell.
Advertising rates are pretty attractive.

COMING EVENTS

CQ WW WPX SSB Contest	April 11-12
Helvetia XXII Contest	April 18-19
Grizzly Peak VHF ARC Auction	April 25
ONE LAND QSO Party	April 25-26
PACC CW/Phone Contest	April 25-26
DARC WAE RTTY Contest	April 25-26
EBRC White Elephant Sale	May 8
Pacific & Southwest Div.'s ARRL Convention in Fresno & Fresnohamfest	May 15-17
NPG Armed Forces Day	May 16
YL Inter. SSBers Party	May 16-17
World Telecomm. Contest	May 16-17
ARRL FIELD DAY	June 27-28
MDARC Picnic & Transmitter Hunt	August 9

FORMER MEMBERS

Miles Slape, W6QEN/W5, is situated in El Paso, Texas and operates on 20 & 40 meters.

"Tex" Barbarite, W3FUS, formerly W6BTK, was recently heard on 14.280 MHz.

FOREIGN STATIONS

JAPAN, JA3XPO, Expo '70 in Osaka, was heard on 15 meters @ 0300-0700Z.

SIKKIM, AC3PT is on 14.240-14.250 MHz SSB.

AFGHANISTAN, YA0CDRC is on 14.295 MHz @ 1000Z (Camel Driver's Radio Club).

EGYPT, SULMA is on 14.230 MHz SSB @ 1500Z.
SULIM is on 21.065 MHz CW @ 1500Z.

PORTUGUESE GUINEA, CR3KD is on 14.330 MHz SSB @ 2000Z and on 14.035 MHz CW @ 1945Z.

ST. PIERRE, FP8AP is on 3.798 MHz SSB @ 2100Z and on 14.018 MHz CW @ 2130Z.

CAICOS ISLAND, VP5GM is on 21.004 MHz CW @ 1345Z.

CHATHAM ISLAND, ZM3PO/C is on 14.025 MHz CW @ 0800Z and 1500Z.

(borrowed from LERC ARC)
Bulletin

ELECTRONICS SERVICING CLASS

Dave Jehlik, WA6PUF, announces that his class will resume for the Spring Quarter on Thursday, April 2. Classes will meet every Thursday at 7-10 PM in the Electronics Lab at Concord High School.

CODE PRACTICE W6ZRJ & W6QIE

W6QIE in South San Francisco is now transmitting code practice six nights per week. Time is 8 PM local time on 3590 khz on Tuesday through Sunday. Speeds are 5 through 30 WPM, with a total of 1½ hours of practice. Speeds include many intermediates such as 8, 11, and 13 WPM.

W6ZRJ code practice bulletins remain as previously listed on Tuesday, Wednesday, and Thursday evenings at 7:30 PM local time on 3590 and 7129 khz simultaneously. This code practice is primarily for the transmission of bulletins as well as extra code practice. Speeds are 10 and 15 WPM on Tuesday, 20 WPM on Wednesday, and 25 WPM on Thursday. Bulletins are repeated each night but in a different sequence.

W6ZF bulletin schedule is on the 1st and 3rd Mondays of each month at 8 PM on 3540 khz.

PROSPECTIVE HAMS

MDARC Club members offer the following assistance to anyone trying for a license:

"Pete" Peterson, W6LCW, will make a copy of his Novice tape for anyone who will bring him an empty 7" reel of tape. If interested call him at 837-2872.

Dave Jehlik, WA6PUF, offers the use of his shop during his Thursday night class to anyone wishing to practice code. See the preceding announcement for details.

WRITE your State Senator or Assemblyman.

What does a Ham Radio Operator see in an eclipse?

THE MOON QRMS THE SUN
by W6CU

Slowly and majestically the moon began to move in front of the sun. We had driven our car many miles to see this spectacle in the southern part of Mexico near an isolated farming village, and now the time had come. Like Field Day, generators were running. Two television cameras were nearby with cables going up to a dish antenna on a hill guarded by a well-armed soldier. French scientists had roped off a section near us. We had made friends with a professor and students from Pan American College who had come down from Edinburg, Texas and were glad they told us about this vantage point to see the eclipse.

I roamed around, looking at professional and amateur installations of astronomical equipment, also trying out my Spanish on the natives. As I had expected, someone had brought along an all-band receiver and was momentarily getting the correct time from WWV. But what did I overhear on this image-happy receiver? Yes. Superimposed on WWV's signal at 11:04 CST (1704 Z) I heard code, and it was ham code. "RST etc. etc.", it was saying. As the other ham came back, I managed to pick up a call. Without saying anything to anybody, I rushed back to the car to write it down. It was W0LBY.

Now everybody's conversation began to become more subdued. An eerie feeling pervaded the atmosphere. Shadows became sharper but less contrasty. Just before totality I noticed those mysterious "shadow bands" moving across the top of the car. Nobody saw any well-defined shadow race across the landscape. Nevertheless, we suddenly realized that totality had come upon us in all its splendor.

My hands shook as I kept saying to myself: "Should I take another picture at a different exposure? Should I look more and take fewer pictures?" Mercury were clearly visible in the cloudless darkened sky. The temperature dropped from 103 F. to 74 F. according to one observer.

The Moon --- continued

At the end of 3 minutes and 27 seconds, totality was over. Mildred immediately made the comment that this experience was certainly worth the long journey. It was like a meaningful religious realization of some kind - a kind of thankfulness for the sun.

As I prowled around after the eclipse, I heard the professor say to one of his students: "Did you see that solar flare?" Apparently a solar flare occurred during the eclipse.

But I kept saying to myself: "I wonder if W0LBY and the ham he was talking to would like to know about the circumstances under which they were heard loud and clear in southern Mexico at 1704 Z, March 7, 1970".

Thanks, Hal for your interesting note.

Dave W6LNK and Al WA6AGA were in attendance at the 1970 Pacific Division Director's Meeting in San Jose on April 4.

The meeting was most successful and the accommodations were excellent. All the resolutions presented were designed mainly to effect the policy of the ARRL. All were discussed openly and all the hams seemed to agree on them. However, there seemed to be two camps on the question of Repeaters. Al and Dave are sure that the wishes of the group will be ably and accurately presented by DocGmelin W6ZRJ to the ARRL.

Various dignitaries were there and Mr. Kelty WB6DJT who is generally a strong critic was favorably impressed with the meeting. Mr. Landry of the FCC was there as a Ham and entered into the discussions freely. He is very pro-ham and is a good man to have on our side

REPEATER GROUP MEETING

All interested in the repeater group, even though not a member of the group, are invited to Steve's QTH (WA6ANE) on April 15, 1970. This is important.

Steve WA6ANE, heard from Art Clark in Alaska. Art WB6BSD and Betty WB6BSE write that they bought a small house and are trying to get their rigs set up. Art is working some but they want to get out in the bushes. Their present address is:

1510 Richardson Dr.

Munaka Valley

Anchorage, Alaska 99504

Drop them a line or listen on the air for their call.

The next board meeting will be held on May 1, 1970 at the home of Steve WA6ANE. Steve lives at 442 Blue Ridge Dr. in Martinez although it is a purty far piece from that great city.

We are getting in the big time. In order for Systron-Donner to be able to write off their donation to the club it is necessary that we have a number from IRS. The necessary forms have

been obtained and are being filled out by our Sec. After this clears we will be in beautiful shape to receive other donations. Have you had the opportunity to use the counter yet? That is a wonderful piece of apparatus.

We have an inquiry concerning working NPG on Armed Forces Day. A meeting is being called at Skaggs Island at 10 AM on April 18 to schedule times and frequencies. If you are interested we can set up a rep. at the meeting the 17 th.

We have no more news. You will notice the new roster is included with this issue.

The Carrier
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